

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: Shiquan TAO, et al

GROUP ART UNIT: 1762

SERIAL NUMBER: 10/608,228

EXAMINER: Wesley D. Markham

FILED: June 30, 2003

FOR: MOISTURE SENSOR BASED ON EVANESCENT WAVE LIGHT SCATTERING BY POROUS SOL-GEL SILICA COATING

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Assistant Commissioner for Patents  
PO BOX 1450  
ALEXANDRIA, VA 22313-1450

Sir:

Applicant(s) wish(es) to disclose the following information.

REFERENCES

- Applicant(s) wish(es) to make of record the documents listed on the attached International Search Report and Form PTO-1449. Only copies of the listed documents that were not cited or considered in view of a previously filed PTO-1449 or PTO-892 are attached. Further, either statements of relevancy or any readily available full or partial English translations of any non-English-language documents are attached where required.

RELATED CASES

- Attached is a list of Applicant's(s') pending applications and issued patents which may be related to the present application. Copies of the documents, where required, are attached along with Form PTO-1449.

CERTIFICATION

The undersigned certifies that

- each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application for the first time (to the knowledge of the undersigned, having made reasonable inquiry) not more than three months prior to the filing of this statement.
- no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign or international patent office in a counterpart foreign or international application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.

BASIS FOR CONSIDERATION

This Information Disclosure Statement is filed:

- without fee and within three months of the filing date of the application.
- without fee and within three months of the date of entry of the U.S. national stage.
- without fee and before the mailing date of a first Office Action on the merits (to the knowledge of the undersigned).
- without fee and with the appropriate certification above.
- without fee and with a new CPA application.
- without fee and with a Request for Continued Examination.
- with fee and before the mailing date of any Final Office Action, Notice of Allowance or an action that otherwise closes prosecution (to the knowledge of the undersigned).
- with fee, appropriate certification above, and before payment of the Issue Fee.

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 50-1442.

09/28/2005 MBEYENE1 00000052 10608228

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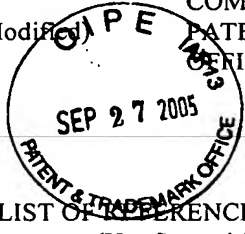
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1200 Nineteenth Street, N.W.  
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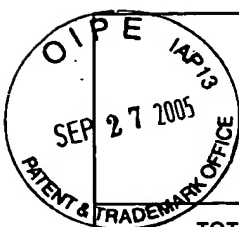
Respectfully submitted,

DLA PIPER RUDNICK GRAY CARY US LLP

James M. Heintz, Ph.D.  
Registration No.: 41,828  
Daryl A. Basham, PhD.  
Registration No.: 45,869

Form PTO 1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)		DOCKET NO. 2343-169-27		SERIAL NO. 10/608,228			
		APPLICANT Shiquan TAO, et al.					
		FILING DATE June 30, 2003		GROUP ART UNIT 1762			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AL						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AK						
	AL						
	AM						
	AN						
	AO						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AP	Khijwania, et al., "Fiber optic evanescent field absorption sensor: Effect of fiber parameters and geometry of the probe"; Optical and Quantum Electronics, 31:625-636, 1999.					
	AQ	Jindal, et al., "High dynamic range fiber optic relative humidity sensor", Optical Engineering, Vol. 41(5), pages 1093-1096, May 2002.					
	AR						
	AS						
EXAMINER					DATE CONSIDERED		
*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

\*\*English Abstract Provided



# **FEE TRANSMITTAL FY 2005**

Docket No.	2343-169-27
Serial No.	10/608,228
Filing Date	June 30, 2003
Inventor(s)	Shiquan TAO et al.
Group Art Unit	1762
Examiner	Wesley Markham

TOTAL AMOUNT OF PAYMENT \$180.00

1. ☒ Applicant claims small entity status.
- ☐ Charge any **UNDERPAYMENT** or credit any **OVERPAYMENT** in the indicated fees to Deposit Account No. 50-1442.
- ☐ Charge the indicated fees to Deposit Account No. 50-1442.

## **FEE CALCULATION (continued)**

### **3. ADDITIONAL FEES**

2. ☒ Check enclosed.

FEE CALCULATION						Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
<b>1. BASIC FILING FEE</b>						1051	130	2051	65	Surcharge-late filing fee or oath	
						1053	130	1053	130	Non-English Specification	
						1251	120	2251	60	1-mo. ext. of time	
						1252	450	2252	225	2-mo. ext. of time	
						1253	1020	2253	510	3-mo. ext. of time	
						1254	1590	2254	795	4-mo. ext. of time	
						1255	2160	2255	1080	5-mo. ext. of time	
						1401	500	2401	250	Notice of Appeal	
						1402	500	2402	250	Appeal Brief	
						1403	1000	2403	500	Request for Oral	
						1501	1400	2501	700	Utility/Reissue Issue	
						1504	300	1504	300	Publication Fee	
<b>2. EXTRA CLAIM FEES</b>						8001	3	8001	3	Advance Copy of Patent	
tot. claims						1806	180	1806	180	IDS Submission	180.00
ind. claims						8021	40	8021	40	Assignment Recordation	
<input type="checkbox"/> Multiple Dependent Claims						1801	790	2801	395	For Filing RCE	
<b>SUBTOTAL</b>						1814	130	2814	65	Terminal Disclaimer	
<b>3. APPLICATION SIZE FEES</b>						Other:					
Total # of Sheets						# of Extra Sheets					
- 100 =						0					
# of each additional 50 sheets or fraction thereof (round up)						Fee					
x \$125 =						Total Fee Due					
						<b>SUBTOTAL</b>					
						180					

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PATENT/DC

Docket No.: 2343-169-27

By: JMH/DAB/vb

Client/Matter #.: 301399-143

Serial No.: 10/608,228

In the Matter of the Application of: Shiquan TAO, et al.

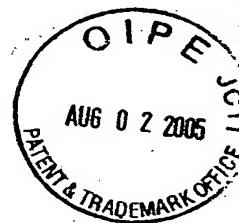
For: MOISTURE SENSOR BASED ON EVANESCENT WAVE LIGHT SCATTERING BY POROUS SOL-GEL SILICA COATING

The following has been received in the U.S. Patent Office on the date stamped hereon:

- ☐ \_\_\_\_\_ pp. Specification & \_\_\_\_\_ Claims/Drawings \_\_\_\_\_ Sheets
- ☐ Combined Declaration, Petition & Power of Atty. (\_\_\_\_ Pages/Executed)
- ☐ Utility Patent Application Transmittal
- ☐ Provisional Patent Application Transmittal
- ☐ Request for Continued Examination (RCE)
- ☐ List of Inventors' Names and Addresses
- ☐ List of 10 Practitioners To Be Recognized By the Office
- ☐ Fee Transmittal
- ☐ Check for \$ \_\_\_\_\_
- ☐ Assignment \_\_\_\_\_ pages (executed)
- ☐ Request for Priority
- ☐ White Advance Serial Number Postcard
- ☐ Preliminary Amendment
- ☐ Letter to Official Draftsman
- ☐ Drawings \_\_\_\_\_ sheets
- ☒ Letter (Transmittal)
- ☐ Request for Extension of Time ( \_\_\_\_\_ month(s))
- ☐ Amendment
- ☐ Restriction Response
- ☒ Information Disclosure Statement
- ☐ List of Related Cases
- ☒ Cited Documents (4)
- ☒ International Search Report
- ☐ Statement of Relevancy
- ☐ Notice of Appeal
- ☐ Appeal Brief
- ☐ Rule 132 Declaration (\_\_\_\_ Pages/Executed)
- ☐ Issue Fee Transmittal
- ☐ Other
- ☐ Dep. Acct. Order Form
- ☐ PTO-1595
- ☐ Priority Doc. ( \_\_\_\_\_ )
- ☐ Election Response
- ☒ PTO-1449

Rev. 05/05

DUE DATE: AUGUST 2, 2005



*JMH*